5

ABSTRACT

A bar code or similar symbol can be printed accurately within a specified printing area by a printer for printing such symbols. The printer has a symbol image generator for converting display data to a symbol and has hardware or software for reporting the size of the converted symbol to a host device. The host sends specific commands and text data for representation in the printed symbol to the printer for printing. As a result, the host can confirm whether printing within the specific area is possible.

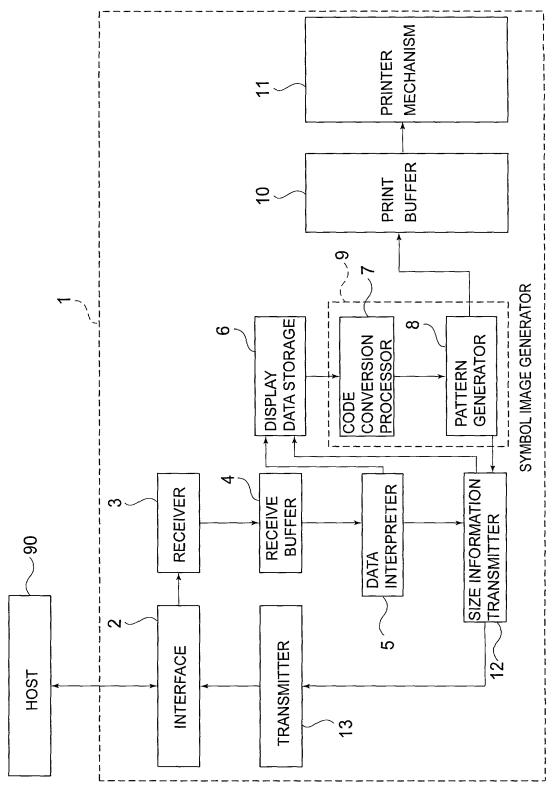


FIG. 1

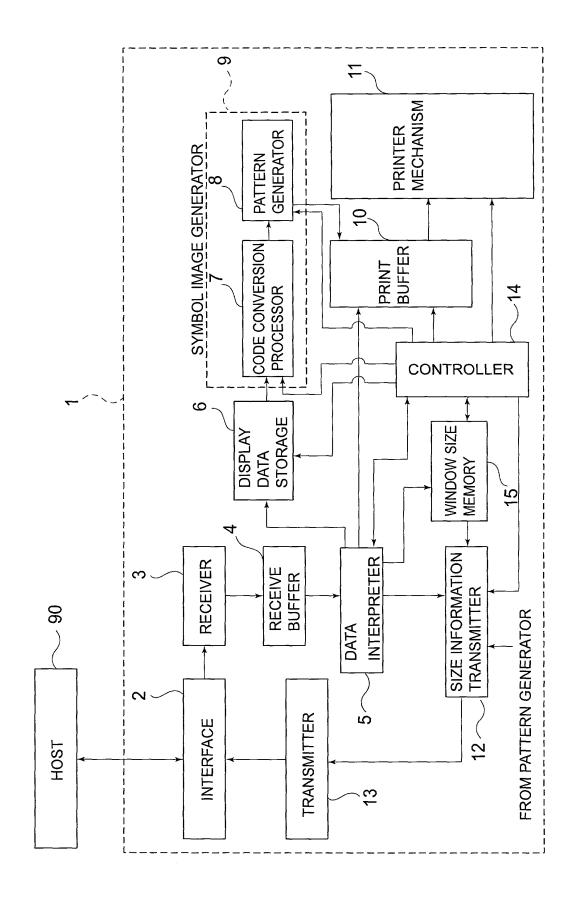


FIG. 2

COMMAND	PARAMETERS	FUNCTION
CODE		SVMBOIL TOTAL WORK SYMBOI
XXX1	a1a2	SPECIFIES NUMBER OF COLUMNS (ROW LENGIH) OF FDF417 STMDOL
	h1h2	SPECIFIES NUMBER OF ROWS IN PDF417 SYMBOL
VVVZ	2	
XXX3	c1c2	SPECIFIES PDF417 SYMBOL MODULE WIDTH
2000		
XXX4	d1d2	SPECIFIES PDF417 SYMBOL ROW HEIGHT
	5	
XXX5	Œ	SPECIFIES PDF417 SYMBOL ERROR CORRECTION LEVEL
	,	
9XXX	4	SETS PDF417 SYMBOL OPTIONS
	-	
XXX7	a1-an	STORES RECEIVED DATA TO DISPLAY DATA STORAGE
		BOYGOTO ATACAM COLORS
0,,,,,		PRINTS DISPLAY DATA STORED 10 DISPLAY DATA STORAGE
VYYYO	1	AS A SYMBOL
		TRANSMITS THE SYMBOL SIZE FOR THE STORED DISPLAY DAIA IF
6XXX	1	PRINTED AS A SYMBOL

FIG. 3

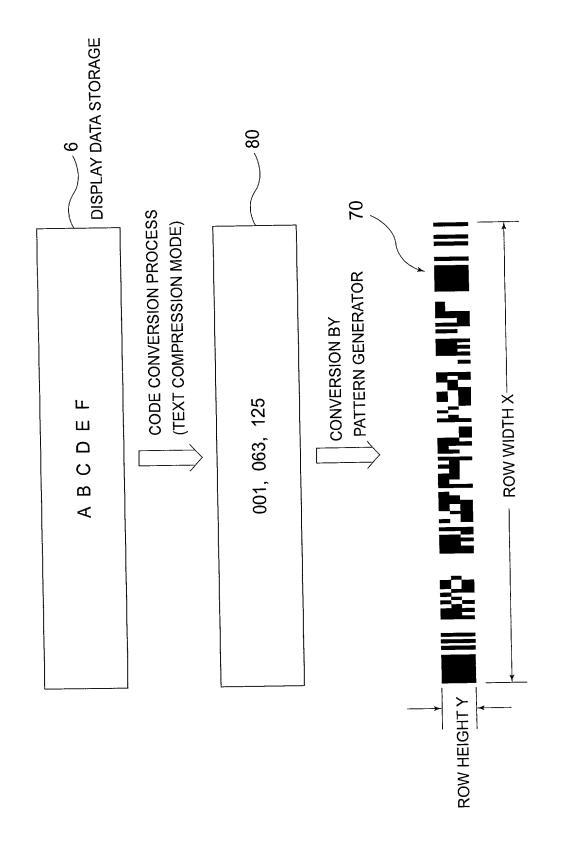
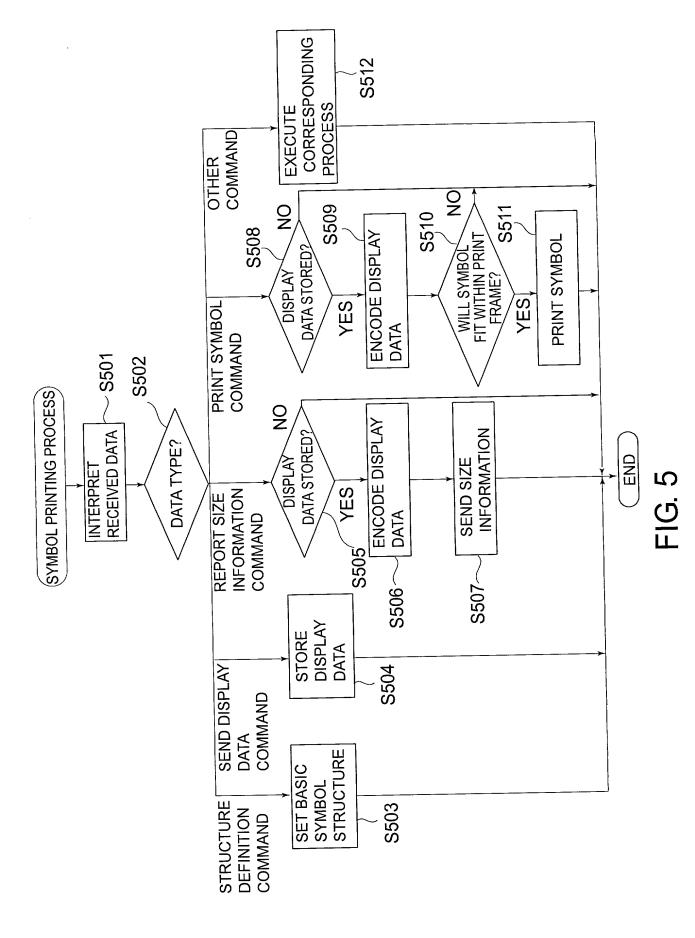


FIG. 4



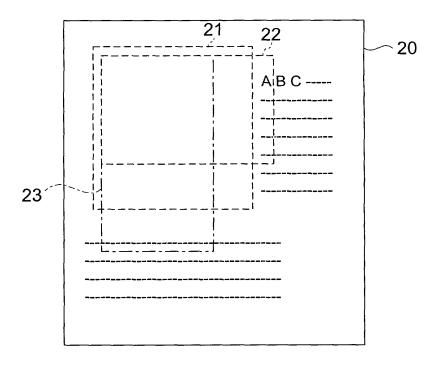


FIG. 6

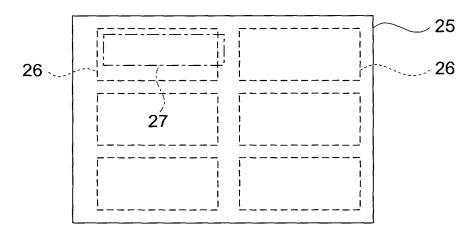
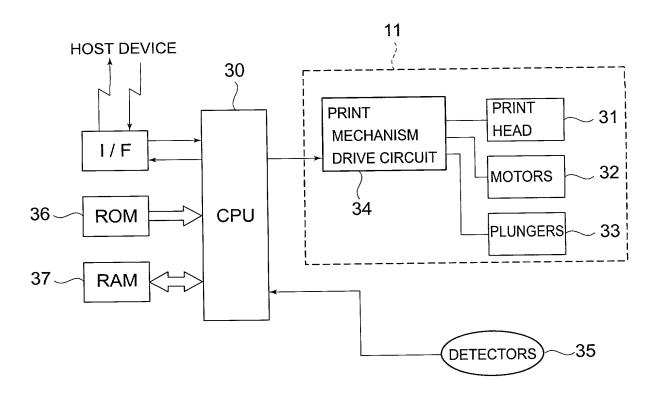


FIG. 7



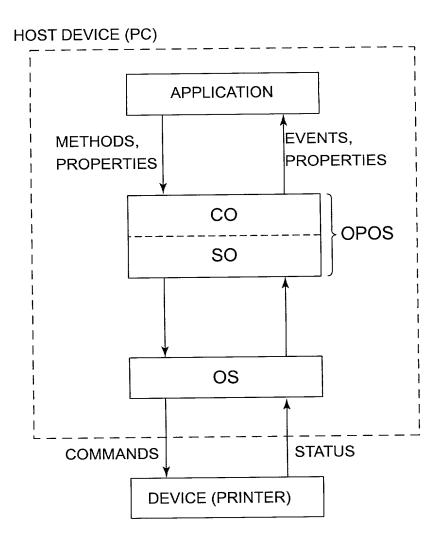


FIG. 9

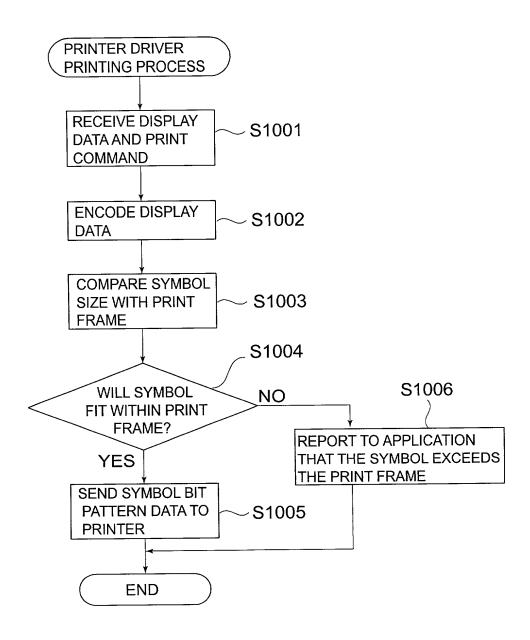


FIG. 10

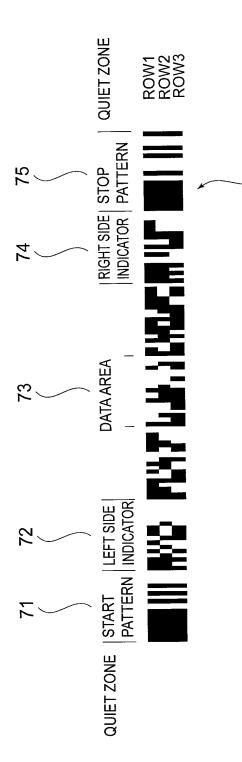


FIG. 11A

2

FIG. 11B

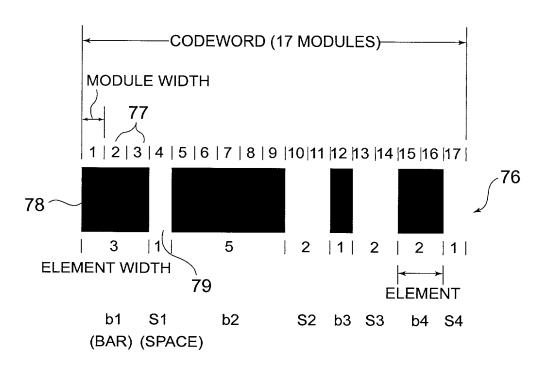


FIG. 12